

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 300622004810

Application Number 10/607,809

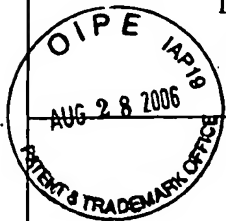
Applicant

Leonard KATZ et al.

Filing Date June 27, 2003

Group Art Unit 1632

Date Originally Mailed: December 11, 2003



U.S. PATENT DOCUMENTS

Duplicate

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	05/1997	5,672,491	Khosla et al.	435	148	
	2.	10/1999	5,962,290	Khosla et al.	435	183	
	3.	03/2000	6,033,883	Barr et al.	435	148	
	4.	05/2000	6,066,721	Khosla et al.	536	23.1	
	5.	06/2000	6,080,555	Khosla et al.	435	41	
	6.	07/2001	6,262,340	Betlach et al.	800	278	
	7.	10/2001	6,303,342	Julien et al.	435	76	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	8.	04/1997	WO 97/13845	PCT			
	9.	11/1998	WO 98/49315	PCT			
	10.	01/1999	WO 99/02669	PCT			
	11.	01/1999	WO 99/03986	PCT			
	12.	04/2001	WO 01/27306	PCT			
	13.	05/2001	WO 01/31035	PCT			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	14.	Donadio et al. "Erythromycin Production in Saccharopolyspora Erythraea Does Not Require a Functional Propionyl-CoA Carboxylase" Molecular Microbiology (1996) 19(5):977-984.
	15.	Gokhale et al. "Dissecting and Exploiting Intermodular Communication in Polyketide Synthases" Science (1999) 284:482-485.

EXAMINER:

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DATE CONSIDERED:

11/11/06

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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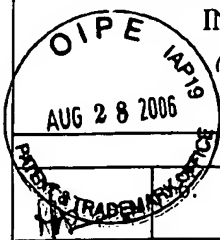
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| | | Hsieh and Kolattukudy, "Inhibition of Erythromycin Synthesis by Disruption of Malonyl-Coenzyme A Decarboxylase Gene <i>eryM</i> in <i>Saccharopolyspora erythraea</i> " J. Bact. (1994) 176(3):714-724. |
| | 17. | Kao et al., "Engineered Biosynthesis of a Complete Macrolactone in a Heterologous Host" Science (1994) 265:509-512. |
| | 18. | Kealey et al. "Production of a Polyketide Natural Product in a Nonpolyketide-Producing Prokaryotic and Eukaryotic Hosts" PNAS (1998) 95:505-509. |
| | 19. | Khosla et al. "Tolerance and Specificity of Polyketide Synthases" Annual Review of Biochemistry (1999) 68:219-253. |
| | 20. | Kuhstoss et al. "Production of a Novel Polyketide Through the Construction of a Hybrid Polyketide Synthase" Gene (1996) 183(1):231-236. |
| | 21. | Liu et al. "Precursor Supply for Polyketide Biosynthesis: The Role of Crotonyl-CoA Reductase" Metabolic Engineering (2001) 3(1):41-48. |
| | 22. | Pfeifer et al. "Biosynthesis of Polyketides in Heterologous Hosts" Microbiology and Molecular Biology Reviews (2001) 65(1):106-118. |
| | 23. | Pieper et al. "Erythromycin Biosynthesis: Kinetic Studies on a Fully Active Modular Polyketide Synthase Using Natural and Unnatural Substrates" Biochemistry (1996) 35(7):2054-2060. |
| | 24. | Stassi et al. "Ethyl-Substituted Erythromycin Derivatives Produced by Directed Metabolic Engineering" PNAS (USA) (1998) 95(13):7305-7309. |
| | 25. | Tang et al. "Amino Acid Catabolism and Antibiotic Synthesis: Valine is a Source of Precursors for Macrolide Biosynthesis in <i>Streptomyces Ambofaciens</i> and <i>Streptomyces Fradiae</i> " J. of Bacteriology (1994) 176(19):6107-6119. |
| | 26. | Tuchman et al. "Enhanced Production of Arginine and Urea by Genetically Engineered <i>Escherichia Coli</i> K-12 Strains" Applied and Environmental Microbiology (1997) 63(1):33-38. |
| | 27. | Vrijbloed et al. "Insertional Inactivation of Methylmalonyl Coenzyme (CoA) Mutase and Isobutyryl-CoA Mutase Genes in <i>Streptomyces Cinnamomensis</i> : Influence on Polyketide Antibiotic Biosynthesis" J. of Bacteriology (1999) 181(18):5600-5605. |
| | 28. | Wallace et al. "Purification of Crotonyl-CoA Reductase from <i>Streptomyces Collinus</i> and Cloning, Sequencing and Expression of the Corresponding Gene in <i>Escherichia Coli</i> " European J. of Biochemistry (1995) 233(3):954-962. |
| | 29. | Wawskiewicz et al. "Propionyl-CoA* Dependent H ₁₄ CO ₃ -Exchange into Methylmalonyl-CoA in Extracts of <i>Streptomyces Erythraeus</i> " Biochemische Zeitschrift (1964) 340:213-227. |
| ✓ | 30. | Xue et al. "A Multiplasmid Approach to Preparing Large Libraries of Polyketides" PNAS (USA) 96(21):11740-11745. |

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